IAP10 Rec'd PCT/PTO 06 DEC 2005

FORM PTO-1390 (REV 5-93)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEY DOCKET NUMBER

108800-00007

DATE: December 6, 2005

## APPLICATION NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

INTERNATIONAL APPLICATION NUMBER INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/FI2004/000331 June 1, 2004 June 6, 2003

| TIT | LE O        | OF INVENTION: PROCESSING DATA RECORDS FOR FINDING COUNTERPARTS IN A REFERENCE DATA SET  |  |  |  |  |  |  |
|-----|-------------|---|--|--|--|--|--|--|
| AP  | PLIC        | ANT(S) FOR DO/EO/US: Timo SURAKKA (Espoo, Finland), Pentti PULKKINEN (Espoo, Finland)   |  |  |  |  |  |  |
| Ap  | plican      | t herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |  |  |  |  |  |
| 1.  | $\boxtimes$ | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.  |  |  |  |  |  |  |
| 2.  |             | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.   |  |  |  |  |  |  |
| 3.  | $\boxtimes$ | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |  |  |  |  |  |  |
| 4.  | $\boxtimes$ | The U.S. has been elected (Article 31).   |  |  |  |  |  |  |
| 5.  | $\boxtimes$ | A copy of the International Application as filed [35 U.S.C. 371(c)(2)]  |  |  |  |  |  |  |
|     |             | a. 🛛 is attached hereto (required only if not transmitted by the International Bureau).   |  |  |  |  |  |  |
|     |             | b.  has been communicated by the International Bureau.  |  |  |  |  |  |  |
|     |             | c.  is not required, as the application was filed in the United States Receiving Office (RO/US).  |  |  |  |  |  |  |
| 6.  | $\boxtimes$ | An English language translation of the International Application into English [35 U.S.C. 371(c)(2)].  |  |  |  |  |  |  |
|     |             | a. 🛛 is attached hereto.  |  |  |  |  |  |  |
|     |             | b. has been previously submitted under 35 U.S.C. 154(d)(4).   |  |  |  |  |  |  |
| 7.  |             | Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]  |  |  |  |  |  |  |
|     |             | a. are attached hereto (required only if not transmitted by the International Bureau).  |  |  |  |  |  |  |
|     |             | b. have been communicated by the International Bureau.  |  |  |  |  |  |  |

 d. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].

c. have not been made; however, the time limit for making such amendments has NOT expired.

An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].

10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

Items 11 to 20 below concern other document(s) or information included:

- 11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98, PTO/SB/08a, PTO/SB/08b, International Search Report, Office Actions (2), and Reference (1).
- 12. An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- 13. A preliminary amendment.
- 14. An Application Data Sheet under 37 C.F.R. 1.76.
- 15. A substitute specification.
- 16. A power of attorney and/or change of address letter.
- 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 1.825.
- 18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
- 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- 20. Applicant herein qualifies for small entity status under 37 C.F.R. 1.9 and 1.27, and acknowledgement of this status by the U.S. Patent and Trademark Office is hereby requested.
- Other items or information: Drawings (Figs. 1-8; 8 sheets), PCT/RO/101 (copy), PCT/IPEA/401 (copy), PCT/IPEA/408 (copy), PCT/IPEA/416 (copy), PCT/ISA/220 (copy), WO 2004/109546 A1 (copy)

## IAP16 Rec'd FOTAPTO 06 DEC 2005

| U.S. APPLICAT<br>(IF KNOWN, SI<br>NEW PATENT  | ION NUMBER<br>EB37 C.F.R. II.<br>APPLICATION      | N 3 8 N INTE   | ATTORNEY DOCKET NUMBER 108800-00007 |              |            |                       |    |  |  |  |
|---|---|--|-------------------------------------|--------------|------------|-----------------------|----|--|--|--|
| The followi   | ing fees are sub                                  | mitted   | CALCULATIONS                        | PTO USE ONLY |            |                       |    |  |  |  |
| 22. 🛭 Basic   | National Fee                                      |  | \$ 300.00                           |              |            |                       |    |  |  |  |
|   | onal Preliminary<br>ms satisfy provi              | / Examination Repsions of PCT Artic  | \$ 200.00                           |              |            |                       |    |  |  |  |
| Application   | (37 CFR 1.445)<br>to the USPTO<br>al Search Repor | (a)(2)) has been pa<br>as an Internationa<br>t prepared and pro                      | \$ 500.00                           |              |            |                       |    |  |  |  |
|   |   | ONS FOR 21, 22   | \$ 1,000.00                         |              |            |                       |    |  |  |  |
| excluding s   | equence listing                                   | ntion and drawings<br>or computer progr<br>for each additiona                        |                                     |              |            |                       |    |  |  |  |
| Total Sheets  | Extra Sheets                                      | Number of each additional 50 or fraction thereof (round <b>up</b> to a whole number) |                                     |              | Rate       |                       |    |  |  |  |
| - 100 =   | / 50 =  |  |                                     |              | X \$250.00 | \$                    |    |  |  |  |
|   |   | hing the oath or de<br>y date [37 C.F.R.   | 30 months                           | \$           |            |                       |    |  |  |  |
| Claim   | s   | Number Filed   | Number Extra                        | Rate         |            |                       |    |  |  |  |
| Total Claims  |   | 50 - 20 =  | 30                                  | X \$ 5       | 0.00       | \$ 1,500.00           | -  |  |  |  |
| Independent Cla   | ims   | 4 - 3 =  | 1 X \$200.00                        |              | 0.00       | \$ 200.00             |    |  |  |  |
| Multiple depend   | ent claim(s) (if                                  | applicable)  | \$ 360.00                           |              |            |                       |    |  |  |  |
|   | TOTA  | AL OF ABOVE C  | \$ 3,060.00                         |              |            |                       |    |  |  |  |
|   |   | by small entity, if lote 37 C.F.R. 1.9,  | \$                                  |              |            |                       |    |  |  |  |
|   |   | SUBTOTAL   | \$ 3,060.00                         |              |            |                       |    |  |  |  |
|   |   | rnishing the Engli<br>d priority date [37  | \$                                  |              |            |                       |    |  |  |  |
|   | 7   | TOTAL NATION   | \$ 3,060.00                         |              |            |                       |    |  |  |  |
|   |   | ssignment [37 C.F<br>cover sheet (37 C.  | F.R. 1.21(h)]. The ass              | ignment      | must be    |                       |    |  |  |  |
| \$40.00 per prope   |   |  |                                     | \$           |            |                       |    |  |  |  |
|   | Т   | OTAL FEES EN   | CLOSED =                            |              |            | \$ 3,060.00           |    |  |  |  |
|   |   |  |                                     |              |            | Amount to be refunded | \$ |  |  |  |
|   |   |  | <del></del>                         |              |            | Charged               | \$ |  |  |  |
| <ul> <li>a.</li></ul>   |   |  |                                     |              |            |                       |    |  |  |  |
| NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.             |   |  |                                     |              |            |                       |    |  |  |  |
| SEND ALL CORRESPONDENCE TO: Customer Number 004372 ARENT FOX PLLC 1050 Connecticut Avenue, NW Suite 400 Washington, DC 20036-5339 Telephone: 202-857-6000 Fax: 202-638-4810  George E. Oram, Jr. Registration Number 27,931 |   |  |                                     |              |            |                       |    |  |  |  |
| GEO:vmh   |   |  |                                     |              |            |                       |    |  |  |  |